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INTELLECTUAL PROPERTY LAW AND RELATED MATTERS

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July 12, 2005

Via Facsimile 703-872-9306

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Serial No.: 10/4624,109
Apparatus and Method for Monitoring a Treatment Process in a Production Interval
Examiner: Letoria G. House
Art Unit: 3672
Confirmation No.: 6120
Our File: 1301-1135

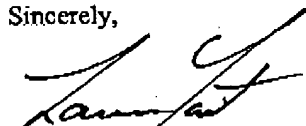
Dear Sir:

Enclosed for filing please find the following items (32 + 1 pages) relating to the above-identified application:

- (1) Response Under 37 C.F.R. §1.111 (32 pages).

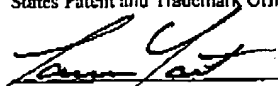
If you have any questions or comments concerning this matter, please call the undersigned at your earliest convenience. Otherwise, please accept the enclosed.

Sincerely,



Lawrence R. Youst
Reg. No. 38,795

Enclosures

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| <p>Certificate of Transmission Under 37 C.F.R. §1.8</p> <p>I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office on July 12, 2005.</p>  <p>Lawrence R. Youst</p> |
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Halliburton Docket No.: 2001-IP-006074 UI USA
Attorney Docket No.: 1301-1135

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application: David E. McMechan et al.

Serial No.: 10/624,109

Filed: July 21, 2003

Art Unit: 3672

Confirmation No.: 6120

Examiner: Letoria G. House

For: Apparatus and Method for Monitoring a
Treatment Process in a Production Interval

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Response Under 37 C.F.R. §1.111

Dear Sir:

This is a response to the Office Action dated April 13, 2005, which is due for reply by July 13, 2005. In view of the following remarks, reconsideration and withdrawal of the outstanding rejections and allowance of the claims pending in this application are respectfully requested.